Email : sales@scilabexport.com
Phone: +91-7082934803

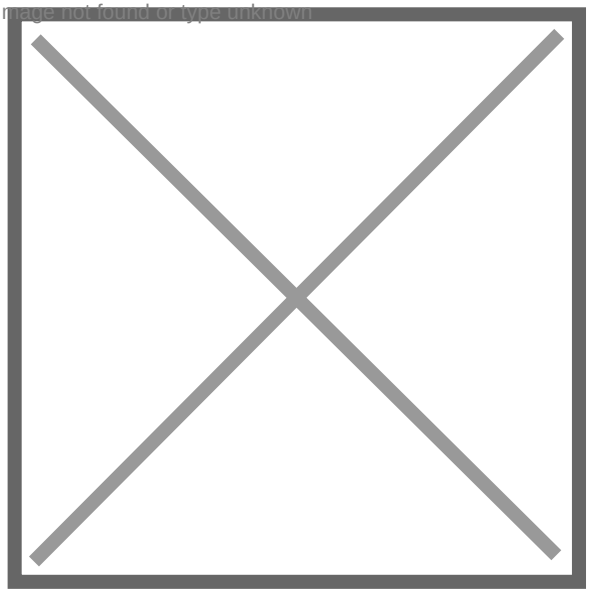
Product Name :

Ammonium Nitrate 200 g

Product Code :

SCI-637/278

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Description :

Ammonium Nitrate 200 g (Product Code: SCI-637/278) is an analytical reagent grade nitrogen salt used to study solubility and heat of solution, to teach the chemistry of nitrogen fertilisers and to practise ammonium and nitrate ion tests in school and college laboratories. The 200 g pack comes with an MSDS that covers its oxidising hazard. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a chemistry consumables supplier in India.

Specifications

Parameter	Detail
Chemical	Ammonium nitrate
Grade	Analytical reagent
Pack size	200 g
Documentation	Supplied with MSDS
Shelf life	Shelf life depends on the chemical, its grade and storage conditions; ask us for the expiry date of the batch you are quoted.
Product code	SCI-637/278
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Ammonium Nitrate Used For?

Dissolving ammonium nitrate in water absorbs heat, so a thermometer in the beaker shows a clear temperature fall; the same effect explains instant cold packs and gives students data for enthalpy-of-solution calculations. Because the salt is very soluble, it is also used to plot solubility curves at different temperatures, and it provides both ammonium and nitrate ions for qualitative analysis.

In the ammonium test, the salt is warmed with sodium hydroxide solution and the ammonia released turns damp red litmus blue; nitrate can be confirmed by the brown ring test with iron(II) sulfate and concentrated sulfuric acid under teacher supervision. Ammonium nitrate is a strong oxidiser, so never heat it strongly or mix it with fuels, powdered metals or organic material, and keep it away from acids. It is a regulated substance in India and many other countries, so ask us about the paperwork that applies to your order.

Supplier

Jain Scientific Equipments Private Limited trades as ScienceLab and sources Ammonium Nitrate 200 g for schools, colleges, agricultural science departments and dealers, supplying it with its MSDS. As an oxidising substance it needs suitable packing and documentation for transport, so tell us your delivery address and intended use when you enquire. Read about the company on the ScienceLab profile.

Related Laboratory Equipment

Appa